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General Construction Permit Application for Public Water Supply Systems

BUREAU OF WATER

SELECT ONE ☐ New Application ☐ Re-application

SECTION A - GENERAL INFORMATION Date: _____ (MM/DD/YYYY)

Name of System: _____ DHEC System #: _____

Mailing Address: _____ City: _____

State: _____ Zip: _____ Phone: _____ (begin with area code) Fax: _____ (begin with area code)

Authorized System Representative (printed): _____ (Signature): _____

Contact Person (printed): _____ (Signature): _____

SECTION B - CRITERIA/INFORMATION

The General Construction Permit will apply only to the construction of water line extensions which have been designed, and will be owned or operated, by the public water system.

The General Construction Permit will be valid for a period of five (5) years and may be revoked by the Department at any time during the five-year period for failure to maintain the qualifications listed below and as specified in the State Primary Drinking Water Regulations R.61-58(H), or for failure to comply with the conditions of the permit.

The following information must be provided by the system making application or re-application for a general construction permit and must be certified by the professional engineer on staff or on retainer:

1. Does the system have a full time management and full time inspection and maintenance staff? Submit the name of each manager, by department, and the number of employees in each department. Yes ☐ No ☐

2. The system must have design criteria which has been approved by the Department. This criteria must be at least as stringent as that used by the Department. Submit two (2) sets of design criteria, carrying the seal and signature of each professional engineer on staff or retainer, for Department review.

3. The system must have approved construction specifications for water distribution lines on file with the Department. Submit two (2) sets of construction specifications for water distribution lines, carrying the seal and signature of each professional engineer on staff or retainer, for Department review.

4. Does the system have historically demonstrated satisfactory bacteriological and chemical water quality as required by State Primary Drinking Water Regulations (SPDWR)? Submit a brief summary indicating any maximum contaminant level violations during the past five (5) years and any corrective actions taken by the system for each violation. Yes ☐ No ☐

5. Does the system have a satisfactory pressure record as required by State Primary Drinking Water Regulations R.61-58.4.D(4)? Submit a brief summary regarding the adequacy of system pressures, pressure testing schedule, low pressure complaints, and any cross-connection occurrences due to low pressure during the past five (5) years. Yes ☐ No ☐

6. Has the system implemented and maintained a viable cross connection control program in accordance with SPDWR (R.61-58)? Submit a brief description of the system's program, including efforts made to locate and eliminate cross connections, and confirming that records are kept of tests performed and locations of backflow prevention assemblies. Yes ☐ No ☐

7. Does the system have an active inspection program for new water distribution line construction? Submit a brief description of the system's inspection program. Yes ☐ No ☐

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8. Does the system maintain an updated map of the distribution system? The map must include existing distribution lines, valves, location and size of all storage tanks, booster pump stations, pressure reducing valves, master metered connections, fire hydrants, and the location of all water treatment plant surface water intakes, wells and connections to other public water systems. A copy of the map is not required to be submitted with the application. Yes ☐ No ☐

9. Does the system have a computerized hydraulic model of its distribution system? This model must include a sufficient number of lines to adequately represent the distribution system, and must be made available for review by the Department upon request. Yes ☐ No ☐

10. Does the system have one (1) or more registered professional engineer(s) on staff? Submit the name and registration number of each professional engineer on staff who will be sealing and signing construction plans and who will be responsible for the design and construction of distribution water lines for the system: Yes ☐ No ☐

11. Does the system have one (1) or more registered professional engineer(s) on retainer? Please submit the name and registration number of each professional engineer on retainer who will be sealing and signing construction plans and who will be responsible for the design and construction of distribution water lines for the system: Yes ☐ No ☐

SECTION C - ENGINEER'S CERTIFICATION:

The following certification must be signed and sealed by each professional engineer on staff or retainer.

I do hereby certify that the information submitted herewith and made a part of this general construction permit application is accurate and complete, to the best of my knowledge, information, and belief. I have placed my seal and signature on this document, signifying that I will be responsible for the design of distribution water lines for this system in accordance with the special conditions attached to the permit and the State Primary Drinking Water Regulations as amended June 26, 1998. I will certify that construction is completed in accordance with plans created under the conditions of this permit and in accordance with approved specifications which carry my seal and signature. This certification will be based upon periodic observations of construction and final inspection for design compliance by me or a representative of this system who is under my supervision.

Engineer's Name (printed):_____

Signature:_____ South Carolina Seal

Engineer's Name (printed):_____

Signature:_____ South Carolina Seal

Engineer's Name (printed):_____

Signature:_____ South Carolina Seal

Engineer's Name (printed):_____

Signature:_____ South Carolina Seal

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Instructions for Completing the Application for a General Construction Permit for Public Water Supply Systems

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PURPOSE:

This form must be completed as part of a permit application for a general construction permit.

ITEM BY ITEM INSTRUCTIONS:

SECTION A - GENERAL INFORMATION: Enter the date of application and the name and address of the public water system making application for a general construction permit and the seven digit system number assigned by DHEC. Also enter the name and signature of the authorized system representative and the name and signature of the person that will be the primary contact for the General Construction Permit. Normally, this should be the senior design engineer.

SECTION B - CRITERIA/INFORMATION: This section outlines the criteria the public water system must meet in order to qualify for a general construction permit. The applicant must answer all questions and provide one copy of the information requested in this section.

SECTION C - ENGINEER'S CERTIFICATION: Each professional engineer on staff or retainer that will be responsible for the design of water lines constructed under the authority of the general construction permit must sign this certification statement and place his or her seal in the space provided.

OFFICE MECHANICS AND FILING:

One copy of this completed application form along with one copy of the information required must be submitted to the Water Facilities Permitting Division, Bureau of Water, South Carolina Department of Health and Environmental Control, 2600 Bull Street, Columbia SC, 29201. Upon satisfactory review of the application by Department staff, a general construction permit will be issued to the public water system. A copy of the general construction permit, along with the application package, will be retained on file in the office of the Water Facilities Permitting Division. In addition, a copy of the general construction permit and a copy of the application package will be forwarded to the appropriate EQC District office.

RE-APPLICATIONS:

The entire form should be completed for re-applications. However, Items #2 and #3 only need re-submitting if there has been changes made or if specifically requested by the Department.

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